Honeywell

Genetron® MP66 (R-401B)

| 00000011200 | |
|-------------|--|
| Version 2.5 | |

Revision Date 06/04/2014

Print Date 06/22/2015

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

| Product name | : | Genetron® MP66 (R-401B) |
|---------------------------------------|----|--|
| MSDS Number | : | 00000011266 |
| Product Use Description | : | Refrigerant |
| Manufacturer or supplier's details | : | Honeywell International Inc. 101 Columbia Road Morristown, NJ 07962-1057 |
| For more information call | : | 800-522-8001 +1-973-455-6300 (Monday-Friday, 9:00am-5:00pm) |
| In case of emergency call | :: | Medical: 1-800-498-5701 or +1-303-389-1414 Transportation (CHEMTREC): 1-800-424-9300 or +1-703- 527-3887 |
| | : | (24 hours/day, 7 days/week) |

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

| Form | : compressed liquefied gas |
|-------|----------------------------|
| Color | : colourless |

Odor : slight ether-like

Classification of the substance or mixture

| Classification of the | : | Gases under pressure, Liquefied gas |
|-----------------------|---|-------------------------------------|
| substance or mixture | | Simple Asphyxiant |

GHS Label elements, including precautionary statements

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| | | | |
| Symbol(s) | | | |
| Signal word | : Warning | | |
| Hazard statements | : Contains gas under press May displace oxygen and | | |
| Precautionary statements | : Storage: Protect from sunlight. Sto | ore in a well-v | entilated place. |
| Hazards not otherwise classified | : May cause frostbite. May cause cardiac arrhyt May cause eye and skin | | |
| Carcinogenicity No component of this product p or anticipated carcinogen by NT ECTION 3. COMPOSITION/INFO | P, IARC, or OSHA. | | 1% is identified as a known |
| Chemical nature | : Mixture | | |
| Chemical Na | ime C | AS-No. | Concentration |
| Chlorodifluoromethane | - | 75-45-6 | 60.50 - 62.50 % |
| 1-Chloro-1,2,2,2-tetrafluoroetha | ane 28 | 337-89-0 | 9.50 - 11.50 % |
| 1,1-Difluoroethane | | 75-37-6 | 27.00 - 28.00 % |
| ECTION 4. FIRST AID MEASURE | S | | |
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| | | | |
| Inhalation | : | Move to fresh air. If breathing is irregu administer artificial respiration. Use of provided a qualified operator is presen not give drugs from adrenaline-ephedi | xygen as required, nt. Call a physician. Do |
| Skin contact | : | After contact with skin, wash immedia If there is evidence of frostbite, bathe lukewarm (not hot) water. If water is clean, soft cloth or similar covering. If physician. | (do not rub) with not available, cover with a |
| Eye contact | : | Rinse immediately with plenty of wate for at least 15 minutes. In case of fros lukewarm, not hot. If symptoms persis | tbite water should be |
| Ingestion | : | Unlikely route of exposure. As this pro inhalation section. Do not induce vom advice. Call a physician immediately. | |
| Notes to physician | | | |
| Treatment | : | Because of the possible disturbances catecholamine drugs, such as epinepl with special caution and only in situat support. Treatment of overexposure control of symptoms and the clinical of bitten areas as needed. | nrine, should be used ions of emergency life should be directed at the |
| TION 5. FIREFIGHTING ME | ASL | IRES | |
| Suitable extinguishing media | a | The product is not flammable. ASHRAE 34 Use water spray, alcohol-resistant for carbon dioxide. Use extinguishing measures that are circumstances and the surrounding extinguishing for exting for extinguishing for extinguishing for extinguishing for | appropriate to local |
| | | · Contonto undor propouro | |
| Specific hazards during firefighting | | Contents under pressure. This product is not flammable at amb atmospheric pressure. However, this material can ignite who pressure and exposed to strong ignit | en mixed with air under |

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| | | |
| | Container may rupture on heating. Cool closed containers exposed to Do not allow run-off from fire fighting courses. Vapours are heavier than air and ca reducing oxygen available for breath In case of fire hazardous decompos produced such as: Gaseous hydrogen chloride (HCI). Hydrogen fluoride Carbon monoxide Carbon dioxide (CO2) Carbonyl halides | g to enter drains or water an cause suffocation by hing. |
| Special protective equipment for firefighters | In the event of fire and/or explosion Wear full protective clothing and se apparatus. No unprotected exposed skin areas | If-contained breathing |
| TION 6. ACCIDENTAL RELE | ASE MEASURES | |
| TION 6. ACCIDENTAL RELE | : Immediately evacuate personnel to s Keep people away from and upwind | of spill/leak. |
| | : Immediately evacuate personnel to s | of spill/leak. |
| | Immediately evacuate personnel to s Keep people away from and upwind Wear personal protective equipment. must be kept away. Remove all sources of ignition. Avoid skin contact with leaking liquid Ventilate the area. After release, disperses into the air. | of spill/leak. Unprotected persons (danger of frostbite). |
| | Immediately evacuate personnel to s Keep people away from and upwind Wear personal protective equipment, must be kept away. Remove all sources of ignition. Avoid skin contact with leaking liquid Ventilate the area. After release, disperses into the air. Vapours are heavier than air and can reducing oxygen available for breath Avoid accumulation of vapours in low Unprotected personnel should not re | of spill/leak. Unprotected persons (danger of frostbite). n cause suffocation by ing. v areas. |
| | Immediately evacuate personnel to s Keep people away from and upwind Wear personal protective equipment, must be kept away. Remove all sources of ignition. Avoid skin contact with leaking liquid Ventilate the area. After release, disperses into the air. Vapours are heavier than air and cai reducing oxygen available for breath Avoid accumulation of vapours in low | of spill/leak. Unprotected persons (danger of frostbite). n cause suffocation by ing. v areas. turn until air has been |
| | Immediately evacuate personnel to s Keep people away from and upwind Wear personal protective equipment. must be kept away. Remove all sources of ignition. Avoid skin contact with leaking liquid Ventilate the area. After release, disperses into the air. Vapours are heavier than air and can reducing oxygen available for breath Avoid accumulation of vapours in low Unprotected personnel should not re tested and determined safe. | of spill/leak. Unprotected persons (danger of frostbite). n cause suffocation by ing. v areas. turn until air has been = 19.5%. |
| Personal precautions | Immediately evacuate personnel to service the service of the service equipment. Must be kept away. Remove all sources of ignition. Avoid skin contact with leaking liquid Ventilate the area. After release, disperses into the air. Vapours are heavier than air and cair reducing oxygen available for breath Avoid accumulation of vapours in low Unprotected personnel should not retested and determined safe. Ensure that the oxygen content is >= Prevent further leakage or spillage if | of spill/leak. Unprotected persons (danger of frostbite). n cause suffocation by ing. v areas. turn until air has been = 19.5%. |
| Personal precautions Environmental precautions | Immediately evacuate personnel to s Keep people away from and upwind Wear personal protective equipment. must be kept away. Remove all sources of ignition. Avoid skin contact with leaking liquid Ventilate the area. After release, disperses into the air. Vapours are heavier than air and car reducing oxygen available for breath Avoid accumulation of vapours in low Unprotected personnel should not re tested and determined safe. Ensure that the oxygen content is >= Prevent further leakage or spillage if The product evapourates readily. | of spill/leak. Unprotected persons (danger of frostbite). n cause suffocation by ing. v areas. turn until air has been = 19.5%. |

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| ECTION 7. HANDLING AND STO | DRAGE |
| Handling | |
| Handling | Handle with care. Avoid inhalation of vapour or mist. Do not get in eyes, on skin, or on clothing. Wear personal protective equipment. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50 °C. Follow all standard safety precautions for handling and use of compressed gas cylinders. Use authorized cylinders only. Protect cylinders from physical damage. Do not puncture or drop cylinders, expose them to open flame or excessive heat. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Do not remove screw cap until immediately ready for use. Always replace cap after use. |
| Advice on protection against fire and explosion | : The product is not flammable. Can form a combustible mixture with air at pressures above atmospheric pressure. |
| Storage | |
| Requirements for storage areas and containers | Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Keep containers tightly closed in a dry, cool and well-ventilated place. Storage rooms must be properly ventilated. Ensure adequate ventilation, especially in confined areas. Protect cylinders from physical damage. |
| | |
| ECTION 8. EXPOSURE CONTRO | DLS/PERSONAL PROTECTION |
| Protective measures | Do not breathe vapour. Avoid contact with skin, eyes and clothing. Ensure that eyewash stations and safety showers are close to |
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| nt. positive-pressure supplied-air respin are heavier than air and can cause oxygen available for breathing. ue and maintenance work in storag | th exhaust tection to eyes es er of frostbite). e protection. ole respiratory rator. e suffocation by | | | |
|---|---|--|--|--|
| room ventilation is adequate for sto filling operations only at stations wi n facilities. appropriate: lasses with side-shields es are likely to occur, wear: or face shield, giving complete pro- gloves of contact through splashing: e gloves a gloves a gloves a cohol or nitrile- butyl-rubber glov in contact with leaking liquid (dange ld insulating gloves/ face shield/ eye of insufficient ventilation wear suitatent. positive-pressure supplied-air respin are heavier than air and can cause oxygen available for breathing. ue and maintenance work in storag d breathing apparatus. | th exhaust tection to eyes es er of frostbite). e protection. ole respiratory rator. e suffocation by | | | |
| room ventilation is adequate for sto filling operations only at stations wi n facilities. appropriate: lasses with side-shields es are likely to occur, wear: or face shield, giving complete pro- gloves of contact through splashing: e gloves a gloves a gloves a cohol or nitrile- butyl-rubber glov in contact with leaking liquid (dange ld insulating gloves/ face shield/ eye of insufficient ventilation wear suitatent. positive-pressure supplied-air respin are heavier than air and can cause oxygen available for breathing. ue and maintenance work in storag d breathing apparatus. | th exhaust tection to eyes es er of frostbite). e protection. ole respiratory rator. e suffocation by | | | |
| filling operations only at stations win facilities. appropriate: lasses with side-shields es are likely to occur, wear: or face shield, giving complete pro- gloves of contact through splashing: e gloves e gloves alcohol or nitrile- butyl-rubber glov in contact with leaking liquid (dange ld insulating gloves/ face shield/ eye of insufficient ventilation wear suitation. positive-pressure supplied-air respin are heavier than air and can cause oxygen available for breathing. ue and maintenance work in storag d breathing apparatus. | th exhaust tection to eyes es er of frostbite). e protection. ole respiratory rator. e suffocation by | | | |
| lasses with side-shields es are likely to occur, wear: or face shield, giving complete pro- gloves of contact through splashing: e gloves alcohol or nitrile- butyl-rubber glov in contact with leaking liquid (dange Id insulating gloves/ face shield/ ey- of insufficient ventilation wear suitat nt. positive-pressure supplied-air respin are heavier than air and can cause oxygen available for breathing. ue and maintenance work in storag d breathing apparatus. | es er of frostbite). e protection. ole respiratory rator. e suffocation by | | | |
| of contact through splashing: e gloves e gloves alcohol or nitrile- butyl-rubber glov in contact with leaking liquid (dange ld insulating gloves/ face shield/ ey of insufficient ventilation wear suitat nt. positive-pressure supplied-air respin are heavier than air and can cause oxygen available for breathing. ue and maintenance work in storag d breathing apparatus. | er of frostbite). e protection. ole respiratory rator. e suffocation by | | | |
| Id insulating gloves/ face shield/ eye of insufficient ventilation wear suitat nt. bositive-pressure supplied-air respin are heavier than air and can cause oxygen available for breathing. ue and maintenance work in storag d breathing apparatus. | e protection. ole respiratory rator. e suffocation by | | | |
| nt. positive-pressure supplied-air respir are heavier than air and can cause oxygen available for breathing. ue and maintenance work in storag d breathing apparatus. | rator. e suffocation by | | | |
| n accordance with good industrial h | In case of insufficient ventilation wear suitable respiratory equipment. Wear a positive-pressure supplied-air respirator. Vapours are heavier than air and can cause suffocation by reducing oxygen available for breathing. For rescue and maintenance work in storage tanks use self- contained breathing apparatus. | | | |
| adequate ventilation, especially in c ntact with skin, eyes and clothing. and wash contaminated clothing b rking clothes separately. | onfined areas. | | | |
| | Decio | | | |
| parameters te | Basis | | | |
| /A : (1,000 ppm) 2008 | ACGIH:US. ACGIH Threshold Limit Values | | | |
| / / | lue Control Upda parameters te A : (1,000 ppm) 2008 e ghted | | | |

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| | | | | | |
| Chlorodifluorom et hane | 75-45-6 | REL : Recomm ended exposure limit (REL): | 3,500 mg/m3 (1,000 ppm) | 2005 | NIOSH/GUIDE:US. NIOSH: Pocket Guide to Chemical Hazards |
| Chlorodifluorom et hane | 75-45-6 | STEL : Short term exposure limit | 4,375 mg/m3 (1,250 ppm) | 2005 | NIOSH/GUIDE:US. NIOSH: Pocket Guide to Chemical Hazards |
| Chlorodifluorom et hane | 75-45-6 | TWA : time weighted average | 3,500 mg/m3 (1,000 ppm) | 1989 | Z1A:US. OSHA Table Z-1-A (29 CFR 1910.1000) |
| 1-Chloro-1,2,2,2- tetrafluoroethane | 2837-89-0 | TWA : time weighted average | (1,000 ppm) | 2007 | WEEL:US. AIHA Workplace Environmental Exposure Level (WEEL) Guides |
| 1-Chloro-1,2,2,2- tetrafluoroethane | 2837-89-0 | TWA : time weighted average | (1,000 ppm) | 1994 | Honeywell:Limit established by Honeywell International Inc. |
| 1,1- Difluoroethane | 75-37-6 | TWA : time weighted average | 2,700 mg/m3 (1,000 ppm) | 2007 | WEEL:US. AIHA Workplace Environmental Exposure Level (WEEL) Guides |
| 1,1- Difluoroethane | 75-37-6 | TWA : time weighted average | (1,000 ppm) | | Honeywell:Limit established by Honeywell International Inc. |
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| Physical state | : compressed liquefied gas | |
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| Color | : colourless | |
| Odor | : slight ether-like | |
| рН | : Note: neutral | |
| Melting point/freezing point | : Note: not determined | |
| Boiling point/boiling range | : -34.7 °C | |
| Flash point | : Note: not applicable | |
| Evaporation rate | : > 1 Method: Compared to CCl4. | |
| Lower explosion limit | : Note: None | |
| Upper explosion limit | : Note: None | |
| Vapor pressure | : 6,536 - 7,419 hPa at 21.1 °C(70.0 °F) 15,878 - 17,278 hPa at 54.4 °C(129.9 °F) | |
| Vapor density | : ca. 3 Note: (Air = 1.0) | |
| Density | : 1.19 g/cm3 at 25 °C | |
| Water solubility | : 1 g/l at 25 °C at 1,013 hPa | |

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| | | |
| Ignition temperature | : Note: not determined | |
| Decomposition temperature | : >250 °C | |
| Molecular weight | : 92.9 g/mol | |
| Global warming potential (GWP) | : 1,288 | |
| Ozone depletion potential (ODP) | : 0.04 | |
| | | |
| TION 10. STABILITY AND R | EACTIVITY | |
| Chemical stability | : Stable under normal conditions. | |
| Possibility of hazardous reactions | : Hazardous polymerisation does not o | occur. |
| Conditions to avoid | : Pressurized container. Protect from s | |
| | expose to temperatures exceeding 50 Decomposes under high temperature. | |
| | Some risk may be expected of corros | |
| | decomposition products. | air at processor above |
| | Can form a combustible mixture with atmospheric pressure. | air at pressures above |
| | Do not mix with oxygen or air above a | atmospheric pressure. |
| Incompatible materials to | : Potassium | |
| avoid | Calcium Douvdorod motolo | |
| | Powdered metals Finely divided aluminium | |
| | Magnesium | |
| | Zinc | |
| Hazardous decomposition | : In case of fire hazardous decompositi | ion products may be |
| products | produced such as: Gaseous hydrogen chloride (HCl). | |
| producto | Gascous rigulogen unionue (nol). | |
| | Gaseous hydrogen fluoride (HF). | |

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| | Carbonyl halides Carbon monoxide Carbon dioxide (CO2) | |
| ECTION 11. TOXICOLOGICAL II | NFORMATION | |
| Acute oral toxicity 1,1-Difluoroethane | : LDLo: > 1,500 mg/kg Species: rat Note: No deaths | |
| Acute inhalation toxicity Chlorodifluoromethane | : LC50: > 300000 ppm Exposure time: 4 h Species: rat | |
| 1-Chloro-1,2,2,2- tetrafluoroethane | : LC50: >= 360000 ppm Exposure time: 4 h Species: rat | |
| 1,1-Difluoroethane | : LC50: ca. 383000 ppm Exposure time: 2 h Species: rat | |
| Sensitisation Chlorodifluoromethane | : Cardiac sensitization Species: dogs Note: Chlorodifluoromethane (HCFC sensitisation threshold (dog): 50000 | |
| 1,1-Difluoroethane | : Cardiac sensitization Note: No-observed-effect level >150,000 ppm | |
| Repeated dose toxicity Chlorodifluorom ethane | : Species: rat Application Route: Inhalation Exposure time: Lifetime Exposure () NOEL: 10000 ppm | |
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| | Lifetime exposure of male rats was a increase in salivary gland fibrosarco | |
| 1-Chloro-1,2,2,2- tetrafluoroethane | : Species: rat (pups) NOEL: 50000 ppm Teratogenicity | |
| | Species: rat (dams) NOEL: 15000 ppm Teratogenicity | |
| 1-Chloro-1,2,2,2- tetrafluoroethane | : Note: In vitro tests did not show mut | agenic effects |
| 1,1-Difluoroethane | : Test Method: Ames test Result: negative | |
| Carcinogenicity 1,1-Difluoroethane | : Species: rat Application Route: Inhalation Exposure time: two-year Note: Did not show carcinogenic effe experiments. | ects in animal |
| Teratogenicity 1-Chloro-1,2,2,2- tetrafluoroethane | : Species: rat Application Route: Inhalation expose Note: Did not show teratogenic effect | |
| | Species: rabbit Application Route: Inhalation expose Note: Did not show teratogenic effect | |
| Further information Chlorodifluoromethane | : Acute toxicity Rapid evapouration of the liquid may Vapours are heavier than air and ca reducing oxygen available for breath May cause cardiac arrhythmia. | n cause suffocation by |
| 1-Chloro-1,2,2,2- | : Acute toxicity | |
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SAFETY DATA SHEET Honeywell Genetron® MP66 (R-401B) 00000011266 Version 2.5 Revision Date 06/04/2014 Print Date 06/22/2015 tetrafluoroethane 2-chloro-1,1,1,2- tetrafluoroethane. (HCFC-124): Cardiac sensitisation threshold (dog): 25000 ppm. Rapid evapouration of the liquid may cause frostbite. Vapours are heavier than air and can cause suffocation by reducing oxygen available for breathing. May cause cardiac arrhythmia. SECTION 12. ECOLOGICAL INFORMATION Toxicity to fish Chlorodifluorom ethane : static test LC50: 777 mg/l Exposure time: 96 h Species: Danio rerio (zebra fish) Toxicity to daphnia and other aquatic invertebrates Chlorodifluorom ethane : static test EC50: 433 mg/l Exposure time: 48 h Species: Daphnia magna (Water flea) Further information on ecology : This product contains greenhouse gases which may Additional ecological contribute to global warming. Do NOT vent to the atmosphere. information To comply with provisions of the U.S. Clean Air Act, any residual must be recovered. This product is subject to U.S. Environmental Protection Agency Clean Air Act Regulations at 40 CFR Part 82. Section 611 requires the following label text on all shipments of this product: Warning: Contains Chlorotetrafluoroethane (HCFC-124), Warning: Contains Chlorodifluoromethane (HCFC-22). a substance which harms public health and environment by destroying ozone in the upper atmosphere. Refer to sections 610 and 612 for list of acceptable and unacceptable uses for this product. Page 12 / 16

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| SECTION 13. | DISPOSAL CONSIDERAT | IONS | | | |
| Disposal | | Observe all Federal, State, and Local Environmental regulations. | | | |
| Note : | | This product is subject to U.S. Environmental Protection Agency Clean Air Act Regulations Section 608 in 40 CFR Part 82 regarding refrigerant recycling. | | | |
| SECTION 14. | TRANSPORT INFORMAT | ION | | | |
| DOT | UN/ID No. Proper shipping name Class | UN 3163 LIQUEFIED GAS, N.O.S. (Chlorodifluoromethane, Chloro-1,2,2,2-tetrafluoroe 2.2 | 1,1-Difluoroethane, 1- | | |
| | Packing group Hazard Labels | 2.2 | | | |
| ΙΑΤΑ | UN/ID No. Description of the goods | (Chlorodifluoromethane, | 1,1-Difluoroethane, 1- | | |
| | Class | Chloro-1,2,2,2-tetrafluoroe : 2.2 | enane) | | |
| | Hazard Labels Packing instruction (carg aircraft) | : 2.2 | | | |
| | Packing instruction (passenger aircraft) | : 200 | | | |
| IMDG | UN/ID No. Description of the goods | : UN 3163 : LIQUEFIED GAS, N.O.S. (CHLORODIFLUOROME ⁻ DIFLUOROETHANE, 1-C TETRAFLUOROETHANE | THANE, 1,1- HLORO-1,2,2,2- | | |
| | Class Hazard Labels EmS Number Marine pollutant | : 2.2 : 2.2 : F-C, S-V : no | , | | |
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SECTION 15. REGULATORY INFORMATION

Inventories

| Chemical (Notification and Assessment) Act | | | |
|---|------------------------------|--|--|
| Canada. Canadian Environmental Protection Act (CEPA). Domestic Substances List (DSL) | : | All components of this product are on the Canadian DSL. | |
| Korea. Toxic Chemical Control Law (TCCL) List | : | On the inventory, or in compliance with the inventory | |
| Philippines. The Toxic Substances and Hazardous and Nuclear Waste Control Act | : | On the inventory, or in compliance with the inventory | |
| China. Inventory of Existing Chemical Substances | : | On the inventory, or in compliance with the inventory | |
| NZIOC - New Zealand | : | On the inventory, or in compliance with the inventory | |
| TSCA 12B | : | US. Toxic Substances Control Act (TSCA) Section 12(b) Export Notification (40 CFR 707, Subpt D) | |
| | | 1-Chloro-1,1,2,2-tetrafluoroethane 354-25-6 | |
| National regulatory informa | ional regulatory information | | |
| SARA 302 Components | : | SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. | |
| SARA 313 Components | | The following components are subject to reporting levels established by SARA Title III, Section 313: Chlorodifluoromethane 75-45-6 | |
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| | | |
| | : 1-Chloro-1,2,2,2-tetrafluoroethane : 1-Chloro-1,1,2,2-tetrafluoroethane | 2837-89-0 354-25-6 |
| | | |
| SARA 311/312 Hazards | : Acute Health Hazard Sudden Release of Pressure Haza | rd |
| California Prop. 65 | : This product does not contain any California to cause cancer, birth de reproductive harm. | |
| | | |
| Massachusetts RTK | : Chlorodifluoromethane : 1,1-Difluoroethane | 75-45-6 75-37-6 |
| New Jersey RTK | : Chlorodifluoromethane | 75-45-6 |
| | : 1-Chloro-1,2,2,2-tetrafluoroethane | 2837-89-0 |
| | : 1,1-Difluoroethane: 1-Chloro-1,1,2,2-tetrafluoroethane | 75-37-6 354-25-6 |
| Pennsylvania RTK | : Chlorodifluoromethane | 75-45-6 |
| WHMIS Classification | : A: Compressed Gas This product has been classified ac of the CPR and the MSDS contains required by the CPR. | |
| Global warming potential | : 1,288 | |
| Ozone depletion potential (ODP) | : 0.04 | |
| TION 16. OTHER INFORMAT | | |
| | HMIS III NFPA | |
| Health hazard Flammability | : 1 2 : 1 1 | |
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| | | | |
| Physical Hazard | : 0 | | |
| Instability | : | 0 | |
| Hazard rating and ratir use of individuals train | | | rmation is intended solely for the |
| Further information | | | |

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. Final determination of suitability of any material is the sole responsibility of the user. This information should not constitute a guarantee for any specific product properties.

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

Previous Issue Date: 09/13/2012

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